Form PTO 948 (Rev. 03/01) U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office Application No. 29484 291

# NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink. Color.  Color drawings are not acceptable until petiton is granted. Fig(s)  Pencil and non black ink not permitted. Fig(s)  Photographs may not be mounted. 37 CFR 1.84(e)  Poor quality (half-tone). Fig(s)  Poor quality (half-tone). Fig(s)  TYPE OF PAPER. 37 CFR 1.84(e)  Paper not flexible, strong, white, and durable. Fig(s)  Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s)  Mylar, velum paper is not acceptable (too thin). Fig(s)  SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:  21.0 cm by 29.7 cm (DIN size A4)  21.6 cm by 27.9 cm (8 1/2 x 11 inches)  All drawing sheets not the same size.  Sheet(s)  Drawings sheets not an acceptable size. Fig(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Views. 37 CFR 1.84(h)  Plews. 37 CFR 1.84(h)  Bottom (B)  VIEWS. 37 CFR 1.84(h)  Fig(s)  Brackets needed to show figure as one entity. Fig(s)  Enlarged view not labeled separetely or properly. Fig(s)  Enlarged view not labeled separetely or properly. Fig(s)  Enlarged view not labeled separetely or properly. Fig(s)  SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)  Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s)  9. SCALE. 37 CFR 1.84(k)  Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.  Fig(s)  10. CHARACTER OF LINES, NUMBERS, & LETTERS.  37 CFR 1.84(i)  Lines, numbers & letters not uniformly thick and well defined, cleap, durrible, and black (poor line quality).  Fig(s)  11. SHADING. 37 CFR 1.84(m)  Solid black areas pale. Fig(s)  Solid black shading not permitted. Fig(s)  Shade lines, pale, rough and blurred. Fig(s)  12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.  37 CFR 1.84(p)  Numbers and reference characters not plain and legible.  Fig(s)  Figure legends are poor. Fig(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)  Fig(s)  English alphabet not used. 37 CFR 1.84(p)(2)  Figs  Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)  Fig(s)  Lead lines cross each other. Fig(s)  Lead lines missing. Fig(s)  14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)  Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s)  15. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)  Views of OF VIEWS. 37 CFR 1.84(w)  Leginning with number 1. Fig(s)  16. CORRECTIONS. 37 CFR 1.84(w)  Corrections not made from prior PTO-948  dated
Hatching not indicated for sectional portions of an object.  Fig(s) Sectional designation should be noted with Arabic or Roman numbers. Fig(s)	17. DESIGN DRAWINGS. 37 CFR 1.152  Surface shading shown not appropriate. Fig(s)  Solid black shading not used for color contrast.  Fig(s)
COMMENTS	

## REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig 1A, Fig. 1B, Fig. 1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawings.

# INFORMATION ON HOW TO EFFECT DRAWING CHANGES

### 1. Correction of Drawings - 37 CFR 1.85

File new drawings with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Reveiw Branch.

#### 2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37).

Failure to take corrective action within set period will result in ABANDONMENT of the Application.

### 3. Corrections other than Defects Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than defects noted by the Drawing Review Branch, MUST be approved by the examiner before the application will be allowed. No changes will be permitted other than correction of defects, unless the examiner has approved the proposed changes.